

DCR-TRV22

Digital Handycam® Camcorder

The ultra compact DCR-TRV22 is packed with high-end features like a 2.5" Touch Panel LCD Screen, USB Streaming and Carl Zeiss® Lens. The Digital Still Memory mode captures high quality still images directly to Memory Stick® media for emailing, printing and sharing with family and friends.



FEATURES

1/4" Advanced HAD™ CCD Imager, 680K Pixels Gross

1/4" Advanced HAD (Hole Accumulation Diode) CCD with 340K (effective) pixels provides stunning detail and clarity, with exceptional video (up to 500 lines of horizontal resolution) and still image performance. Realize great looking digital still images utilizing 340K (effective) pixels.

MiniDV Recording

MiniDV digital recording format delivers 3X the color bandwidth of VHS and lower signal to noise ratio compared to analog formats, providing stunning video performance comparable to DVD.

Ultra Compact Design

This new, unique design complements the product's ultra compact size while providing easy, comfortable access to the video controls.

Professional Quality Carl Zeiss® Vario-Sonnar® Lens

Carl Zeiss lenses have an advanced optical multi-layer coating offering less glare and flare with increased contrast. This results in vivid image brilliance, true-to-life color saturation, and perfect renditions of subtle tones.

10X Optical/120X Precision Digital Zoom

The optical zoom brings the action close up from far away. In addition, precision digital zoom interpolation technology means that extreme digital zooming is clearer, with less distortion than previous types of digital zoom.

2.5" SwivelScreen™ Touch Panel LCD Display (123K Pixels)

The 2.5" SwivelScreen touch panel LCD display provides excellent viewing clarity with improved resolution. The 123K pixel LCD rotates up to 270-degrees for multiple viewing angles providing sharp detailed images for monitoring or playback. The "On Screen" touch panel system allows you to navigate through the camera's menu system at the touch of the LCD screen.

► Color Viewfinder (113K)



Provides a clear, color view of video subjects and makes spotting and/or following subjects easier.

► Digital Still Memory Mode Capable with Memory Stick® Media



Digital Still Memory Mode captures high quality still images at 640 x 480 resolution directly to Memory Stick media (optional). Images are stored in the JPEG format providing easy transfer to PCs for emailing, printing, or sharing with family and friends.

► MPEG Movie EX Mode



Unlike earlier MPEG1 Movies, MPEG Movie EX will allow you to record uninterrupted to the capacity of the Memory Stick® media. For example a 128MB Memory Stick will record up to 85 minutes of non-stop MPEG1 video.

USB Streaming



Stay connected with family and friends by broadcasting live video with audio, via the Internet with the USB interface. You can even playback your favorite recorded scene stored on tape. It's like having your own web camera or video conferencing system.

i.LINK®** DV Interface (IEEE1394)



A high speed bi-directional digital video/audio communication between two compatible devices equipped with an IEEE1394 interface, including camcorders, digital VTRs, capture cards, and PCs.

► Progressive Shutter System

A mechanical shutter system that provides Progressive Scan performance while utilizing an interlaced scanning system, digital still images will be sharp and clear with excellent definition.

Super SteadyShot Picture Stabilization System



An advanced version of Sony's SteadyShot® system that controls an even higher range of shake and vibration frequencies, to achieve an even higher level of smoothness without degradation of video like some other image stabilization systems.

► Super NightShot Infrared System and Color Slow Shutter



With Sony's NightShot® infrared system, capture video in total darkness (0 lux) up to 10 feet away. Super NightShot 0 Lux recording mode automatically adjusts the shutter speed to increase picture brightness and clarity. Color Slow Shutter mode allows you to record in low light situations with full color detail by slowing down the shutter speed.

► Playback Zoom

During video playback, pause mode, or while viewing still images stored on Memory Stick media, you can zoom in up to 5X closer. These newly cropped images can be stored on the Memory Stick® media.

► Analog-to-Digital Conversion with Pass-Through

Convert and/or record any analog NTSC video source to digital video via the analog inputs. Analog NTSC video can also be passed-through the digital Handycam camcorder directly into a PC via the i.LINK® interface in real time for easy PC editing of your analog footage.

InfoLithium® Battery with AccuPower™ Meter System



Charge the battery at any time because unlike NiCad (Nickel Cadmium) batteries, Sony's rechargeable Lithium-Ion batteries are not subjected to a life shortening "memory effect". Sony's exclusive AccuPower meter displays the battery time remaining in minutes, in the viewfinder or the LCD screen.

► STEP-UP FEATURE

DCR-TRV22

ADDITIONAL FEATURES

Battery Information
Digital Picture Effects
Digital Program Editing
EXIF 2.2

Intelligent Accessory Shoe
Pixela ImageMixer Software
Stamina® Battery Power
Management System

SPECIFICATIONS

Imaging Device: 1/4", 680K Gross Pixels Advanced HAD™ CCD

Video Actual: 340K

Still Actual: 340K

F: 1.7-2.2

Focal Distance: 3.3-33mm

35mm Conversion: 42-420mm (Camera Mode)
42-420mm (Photo Mode)

Filter Diameter: 30mm

Optical Zoom: 10X

Digital Zoom: 120X

Focusing: Full Range Auto/Manual (Touch Panel)

Minimum Illumination: 5 Lux (0 Lux with
NightShot® Infrared System)

NightShot Infrared System: Super NightShot, Color Slow Shutter

Shutter Speed: 1/4-1/4000 (Program AE Mode)

Memory Mode: Yes, 640 x 480

MPEG Movie EX Mode: Yes, 320 x 240, 160 x 112

Viewfinder: Color (113K)

LCD: 2.5" Color (123K)

Accessory Shoe: Yes (Intelligent)

Video Input/Output: Yes/Yes (Mini and S-Video)

Audio Input/Output: Yes/Yes

i.LINK® DV Interface (IEEE1394): Yes

USB Terminal: Yes

Memory Stick PRO™ Media Compatibility: Tested to support up
to 1GB media capacity; does not support high speed transfer
function; does not support Access Control security function

USB Streaming: Yes

Headphone Jack: Yes (Mini, Stereo)

Mic-Input: Yes (Stereo)

White Balance: Auto, Outdoor, Indoor, Hold

Exposure: Yes, Touch Panel (24 Steps)

Software OS Compatibility: Microsoft® Windows® 98SE, 2000,
Me, XP; Macintosh® 8.5.1 - 9.1**

Power Consumption (VF/LCD/VF+LCD): 2.5W/3.3W/3.5W

Dimensions (WHD): 2 7/8" x 3 5/8" x 4 1/2" (71mm x 90mm x 112mm)

Weight: 1 lb 2 oz (530g) w/o Tape and Battery

Supplied Accessories: AC-L15 Power Adapter/In Camera
Charger, NP-FM30 InfoLithium Rechargeable Battery,
8 MB Memory Stick® Media, RMT-814 Wireless Remote
Commander® Remote, 2 AA Batteries, A/V Cable, Lens
Cap, Shoulder Strap, USB Cable, LCD Cleaning Cloth,
CD-ROM with USB Driver (Pixela ImageMixer Ver. 1.5)

worry FREE™ BATTERY LIFE

Battery* (Fully charged)	Rec Time VF/LCD/VF+LCD	Playback Time LCD On/Off
NP-FM30	125/90/85 min	100/150 min
NP-FM50	200/150/140 min	165/240 min
NP-FM70	415/310/295 min	345/495 min
NP-QM71D	485/365/340 min	400/580 min
NP-FM90	630/475/450 min	520/745 min
NP-QM91D	725/550/520 min	605/865 min

*Results may vary depending upon conditions



MEMORY MODE



Memory Stick® Media 640 x 480			Memory Stick PRO™ Media 640 x 480		
	Fine	Standard		Fine	Standard
8MB	50	120	256MB	1450	3,650
16MB	96	240	512MB	2900	7,200
32MB	195	485	1GB	5900	14,500
64MB	390	980			
128MB	780	1,970			



MPEG MOVIE EX MODE

h=hour, m=minute, s=second

Memory Stick® Email Mode Media (160 x 112)			Memory Stick PRO™ Email Mode Media (160 x 112)		
		Presentation Mode (320 x 240)			Presentation Mode (320 x 240)
8MB	5m 20s	1m 20s	256MB	2h 50m 40s	42m 40s
16MB	10m 40s	2m 40s	512MB	5h 41m 20s	1h 25m 20s
32MB	21m 20s	5m 20s	1GB	11h 22m 40s	2h 50m 40s
64MB	42m 40s	10m 40s			
128MB	1h 25m 20s	21m 20s			

OPTIONAL ACCESSORIES

AC-SQ950D AC Quick Charger for
Super Quick Batteries

NP-QM71D/91D Super Quick
High Capacity InfoLithium
Batteries

NP-FM50/70/90 High Capacity
InfoLithium Batteries

LCS-VA1 Carrying Case

MSA-16/32/64/128A Memory
Stick® Media

MSA-128SZ Memory Stick®
Select Media

MSX-256/512/1GB Memory Stick
PRO™ Media

HVL-IRH2 NightShot Infrared
Light

HVL-S3D Video Light

VCT-870RM Remote Control
Tripod

* i.LINK is a trademark of Sony, used only to designate that a product contains an IEEE1394 connector. All
products with an IEEE1394 connector may not communicate with each other.

** Not compatible with USB Streaming.

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